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REPORT TC14-01

THIESS COAL SYSTEM

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LAUNCESTON.

GEOLOGICAL LOG REPORT

ATP EL2080
LAUNCESTON

TENEMENT 2080

STRAT NAME	SEQ NO.	SEAM NAME	WORK SECT	SAMPLE NUMBER	DEPTH (m)	THICK (m)	ROCK TYPE	GEOLOGICAL DESCRIPTION OF STRATA
					23.00	8.70	CLAY	Interbedded 70:30; Additional features include: green; CLAY: silty, sandy, light to medium orange, weathered, firm, low plasticity (clay).
					24.50	1.50	CLAY	Silty, sandy, light to medium yellow - brown, weathered, low strength, brittle; Additional features include: green.
					25.70	1.20	CLAY	Light to medium green - grey, low strength, brittle.
					26.30	0.60	CLAY	Medium to dark green - grey, low strength, brittle.
					29.50	3.20	SILCRETE	Medium to dark green - grey, low strength, brittle; Bands include: CLAY, light to medium orange, low strength, brittle; Bands include: CLAY, light to medium green - grey, firm, low plasticity (clay); Additional features include: white.
					30.30	0.80	SILTSTONE	Silicified, medium to dark green - grey, high strength, brittle.
					32.00	1.70	SHALE	Silicified, medium to dark green - grey, extremely high strength, tough;
								CHANGED TO ROLLER BIT AT 31.3M *
								CHANGED TO HAMMER BIT AT 31.6M *
								SHALE CONTAINS DARK GREY-BLACK CARBONA *
								CEOUS BANDS, PYRITE AND PYRRHOTITE ON *
								CLEAVAGE PLAINS AND DISSEMINATED *
								SULFIDES WERE "PANNED" FROM MUD PIT ON *
								SHOVELS *
								DRILLER REMARKED THAT LITHOLOGY *
								WAS PROBABLY THE MATHINNA SLATES *
								PRE TERTIARY BASEMENT OF PERMIAN? TO *
								SILURIAN AGE INTERSECTED FROM 8.1M *
								BASE WEATHERING 24.5M *

END OF BORE AT 32.00 m

EL2080 LAUNCESTON, R0027

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